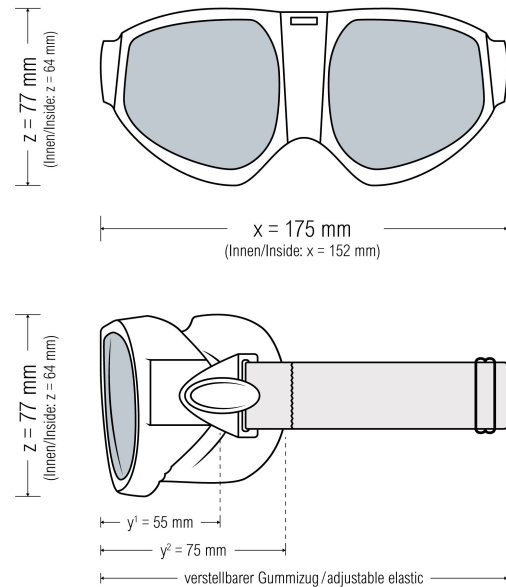


Laser safety eyewear, GLADIATOR Filter - 0248, frame color silver (suitable also for spectacles wearer)

Product information:

Item no.:	000-G0248-GLAD-20
Application:	Excimer (193 nm) UV (248 nm) Nd:YAG 4x (266 nm) Nd:YAG 3x (355 nm) Diode (450 nm) Diode (630 – 660 nm) + Diode / Nd:YAG (800 – 1064 nm) Ti:Sapphire (800 nm) Yb:YAG/Scheibe (1030 nm) Faser (976 – 1080 nm) Telecom (1320 nm) CO2 (10600 nm) , VLT (Visible light transmission): 30 %
Filter color:	multi-colored
Frame color:	silver
Filter material:	mineral glass



Alle Angaben ohne Gewähr.
All information is provided without guarantee.

Laser safety goggles with a glass composite of different mineral glasses, with additional dielectric layers, suitable for Excimer (193 nm), UV (248 nm), Nd:YAG 4x (266 nm), Nd:YAG 3x (355 nm), Diode (450 nm), Diode (630 - 660 nm) + Diode / Nd:YAG (800 - 1064 nm), Ti:Sapphire (800 nm), Yb:YAG/Disk (1030 nm), Fiber (976 - 1080 nm), Telecom (1320 nm) and CO2 (10600 nm) lasers

Certified protection specifications for EN 207

Wavelengths

- 180-315
- >315-470
- >470-475
- >475-480
- >480-484
- >484-487
- >487-494
- 608-620
- >620-624
- >624-629
- >629-634
- >634-645
- >645-652
- >652-662
- >662-1400
- >1400-2030
- >2030-2384
- >2384-2661
- >2661-3000
- >3000-3299
- >3299-3861
- >3861-9000
- >9000-11000

Protection levels

D LB10 + IR LB5 + M LB6Y (OD10+)

D LB6 + IR LB7 + M LB7Y (OD7+)

DIRM LB6 (OD6+)

DIRM LB4 (OD4+)

DIRM LB3 (OD3+)

DIRM LB2 (OD2+)

DIRM LB1 (OD1+)

DIRM LB1 (OD1+)

DIRM LB3 (OD3+)

DIRM LB4 (OD4+)

DIRM LB5 (OD5+)

DIRM LB6 (OD6+)

DIRM LB7 (OD7+)

D LB7 + IR LB8 + M LB8Y (OD8+)

D LB7 + IR LB9 + M LB8Y (OD9+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

DI LB4 + R LB3Y + M LB4Y (OD4+)

DIM LB3 + R LB3Y (OD3+)

DIRM LB2 (OD2+)

DIRM LB3 (OD3+)

DIRM LB2 (OD2+)

DIM LB3 + R LB3Y (OD3+)

DI LB5 + R LB3Y + M LB5Y (OD5+)

PF CE

Properties:

The **GLADIATOR** is a modern **laser safety goggles frame** made from a light aluminium alloy. Due to a soft face cover, made of a special rubber, these goggles are closed, all around. The face cover is wipeable and easily changeable, if needed. Spacious air slots provide optimal air circulation and prevent fogging of the glasses. The laser safety goggles can be worn over prescription glasses and the adjustable elastic head band offers perfect wearing comfort even for long working periods.

The **laser protection filter 0248** is suitable for a wide range of lasers in the **UV**, as well as visible wavelength range, such as **Excimer (193nm)**, **UV (248nm)**, **harmonic Nd:YAG (266 nm + 355nm)**, **Diode (450, 630 - 660 nm)**. In addition, other laser wavelengths in the Infra-red range, such as **Ti:Sapphire (800nm)**, **Yb:YAG/Disk (1030 nm)**, **Nd:YAG (1064 nm)**, **Fiber (976 - 1080 nm)**, **Telecom (1320 nm)** and **CO2 (10600 nm)** lasers are also covered. The laser safety filter is made of a glass composite of different mineral glasses, with additional dielectric layers and has a daylight transmission of 30%. The laser safety filter is **CE** certified according to the regulations of **DIN EN 207**.

Especially for these laser safety goggles with heavy glass filters, we recommend you to use the [head](#)

[support](#)



, as the best solution for long-term wearing.

For a perfect and safe cleaning of this filter we recommend this [cleaning spray](#).



Please calculate the necessary protection levels for your laser application with care and compare them to the given protection level of the **laser safety goggle**. We will gladly advise you on the selection of the right **safety gear**.